Defense Acquisition University

DOD AT&L Technology Transition Learning Center of Excellence

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Technology Transition Learning Center of Excellence

Vision

A collaborative effort between government, industry, and academia to provide timely, mission-enhancing technology transition training, assessments, and technical products and services to assist the AT&L Workforce

Technology Transition Learning Center of Excellence

Mission

- Support, promote, and enhance technology transition effectiveness and AT&L learning

- Communicate the importance of technology transition and learning to both internal and external customers

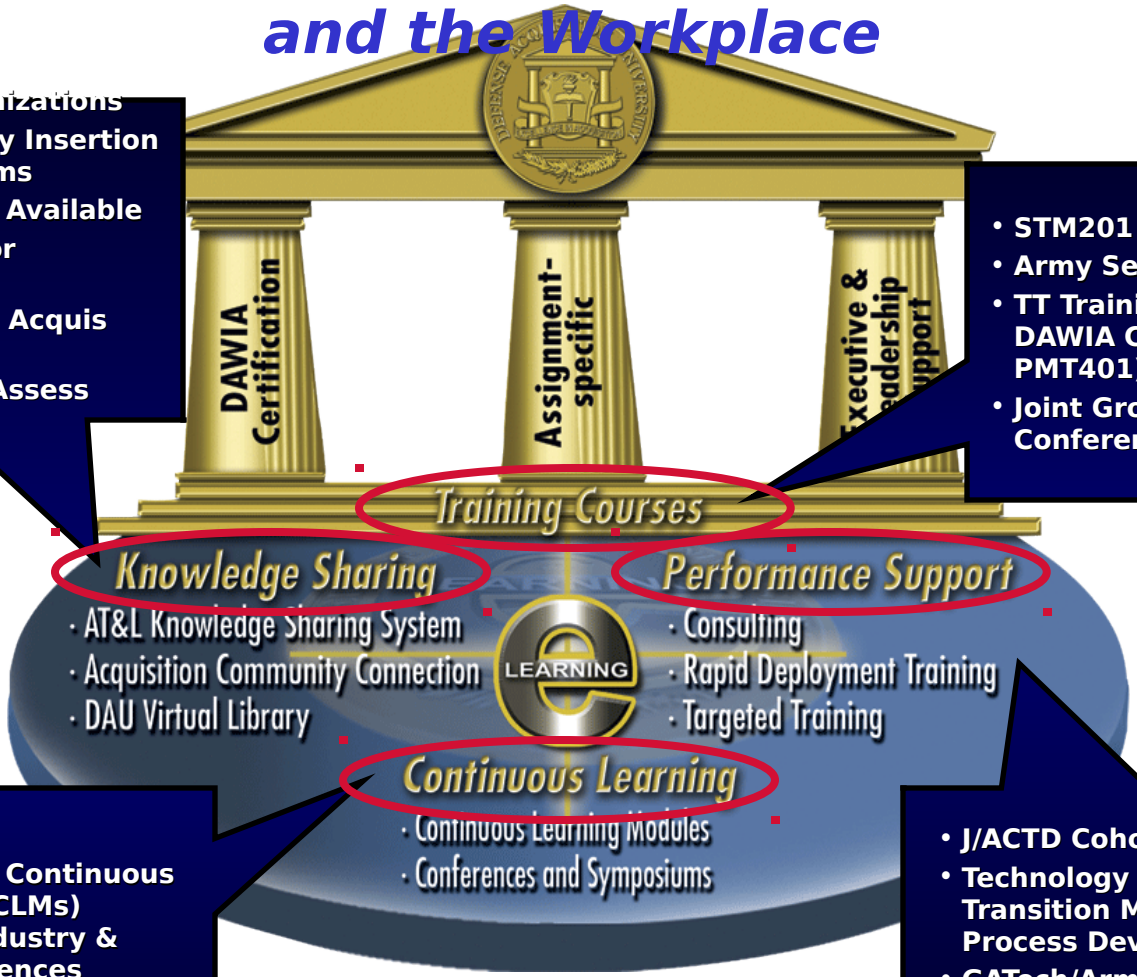
- Serve as a catalyst for technology transition learning-centered activities

Technology Transition (TT) Learning Center of Excellence (TTLCOE)

24/7 Learning Assets for the Classroom and the Workplace

- S&T CoP – Policy, Organizations
- 400+ TT and Technology Insertion Knowledge Sharing Items
- 600+ TT Library Assets Available
- 500+ TT Ask a professor responses
- Mgr Guide to TT in Evol Acquis Environ
- Technology Readiness Assess Guide

- STM201 and STM302
- Army Senior Service College
- TT Training integrated into DAWIA Courses (e.g., PMT352, PMT401)
- Joint Ground Robotics Conference



- Technology-Related Continuous Learning Modules (CLMs)
- TT Refreshers at Industry & Government Conferences
- TT Workshops & Seminars

- J/ACTD Cohort Training
- Technology Assessment & Transition Management (TATM) Process Development
- GATech/Army/DAU Partnership on Technology Planning

Technology Transition LCOE Training

- **STM201 and STM302 – Certification for S&T Career Field**

- **Technology Transition training material integrated into other DAWIA courses**
  - -SPRD&E Classes and PMT401 – Program Manager's Course

- **Army Senior Service College Fellowship**

- **JCTD and Technology Transition Workshop**
  - - Acquisition Training for JCTD Managers

- **Technology Tool Demonstrations**
  - -Georgia Tech Strategic Prioritization and Planning (SP2) Tool
  - -AMRDEC Technology Assessment and Transition Management (TATM) Tool
  - -Army SMDC Technology Program Management Model (TPMM)

Enabling the Acquisition Workforce to Provide improved Warfighting capabilities

Technology Transition LCOE
Knowledge Sharing

- **Science And Technology (S&T) CoP**
  - Brings together the entire workforce to share what they know and learn from one another regarding S&T with a focus on technology transition

- **400+ Technology Transition And Technology Insertion Knowledge Sharing Items On The Acquisition Knowledge Sharing System**
  - On line statute, policy, regulation, guidance, references, templates, best practices, lesson learned, examples, etc

- **Technology Transition Related "Ask A Professor Questions" Answered**
  - Assigned, researched, staffed and answer to requester

- **Managing, Updating And Publishing Transition Guidebooks:**

  - Managers Guide to Technology Transition In An Evolutionary Acquisition Environment

  - (Army) Aviation Technology Assessment and Transition Management Process

Creating A Knowledge Sharing Culture

Technology Transition LCOE
Performance Support

- **Office of Naval Research**
  - -Research on Navy Technology Transition Processes
  - -Electromagnetic Rail Gun support technology transition to a program of record

- **JCTD Practitioner Workshop**
  - -New JCTD team support in planning and documenting key activities

- **US Navy - Sea Warrior Acquisition Support**
  - -Approaches to transition legacy personnel apps into next generation enterprise system

- **Technology Assessment & Transition Management (TATM) Process Development**
  - - PEO Aviation, PEO Soldier, Robotic Systems JPO, OSD Robotics Enterprise

- **GATech / Army / DAU Partnership on Technology Transition Management**
  - - Linking strategic and tactical technology transition planning tools

- **US Army REF - Contracting & Source Selection Consulting**
  - - Consulting and training to facilitate the rapid fielding of technology for Improvised Explosive Devices (IED) suppression

Customer Focused Engagement

Technology Transition LCOE
Continuous Learning

- **Technology Transition elements integrated into online courses and continuous learning modules (CLMs)**
  - **CLM 021 – Technology Readiness Assessment**
  - **CLM 034 – Science and Technology Lessons from PMT352A**
  - **CLM 036 – Fundamentals of Tech Transfer and Exp Control**
  - **FAC010 – Small Business Innovation Research /Sm Business Technology Transfer (SBIR/STTR)**
  - **PMT352A – Program Management Office Course**

- **TT Refreshers at Industry & Government Conferences**
  - -NDIA, INCOSE, etc

- **TT Workshops & Seminar**
  - -Seminars with Industry
  - -Workshops with Government and Industry transition teams

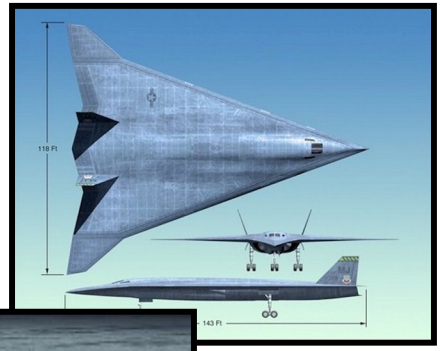
Career Long Learning Opportunities
Anywhere, Anytime

Benefit and Value to Support the TT Community

Broader communication and application of lessons learned and best practices resulting in multiple stakeholder benefits:

- **War fighter:** Timely increase in war fighting capability through more effective technology transition
- **AT&L Workforce:** Increased efficiency and effectiveness of technology transition through increased availability of transitions tools and best practices
- **DAU:** Supports DAU core mission in support of AT&L and other customers.

Supports USD(AT&L) Goals #1,2, 3, 5 and 6



Technology Transition Learning Center of Excellence

Defense Acquisition University

Collaboration

Promoting a Clearing House Concept

Products

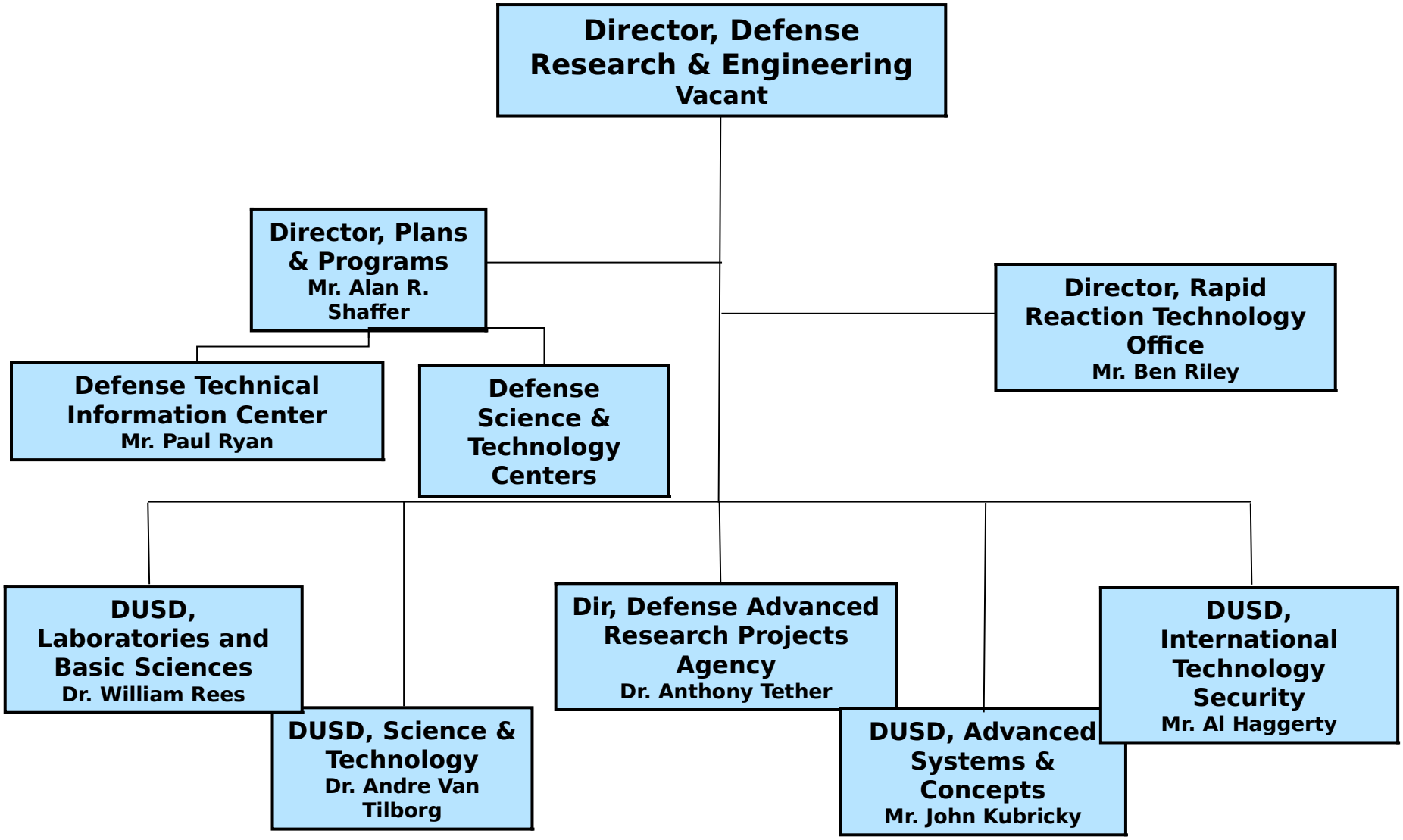
- ✓ ***Integrating*** **PLM Assets**
- ✓ ***Fostering*** **Knowledge Sharing**
- ✓ ***Promoting*** **Innovation**
- ✓ ***Leveraging*** **Government-wide Assets**

From the laboratory to the War Fighter

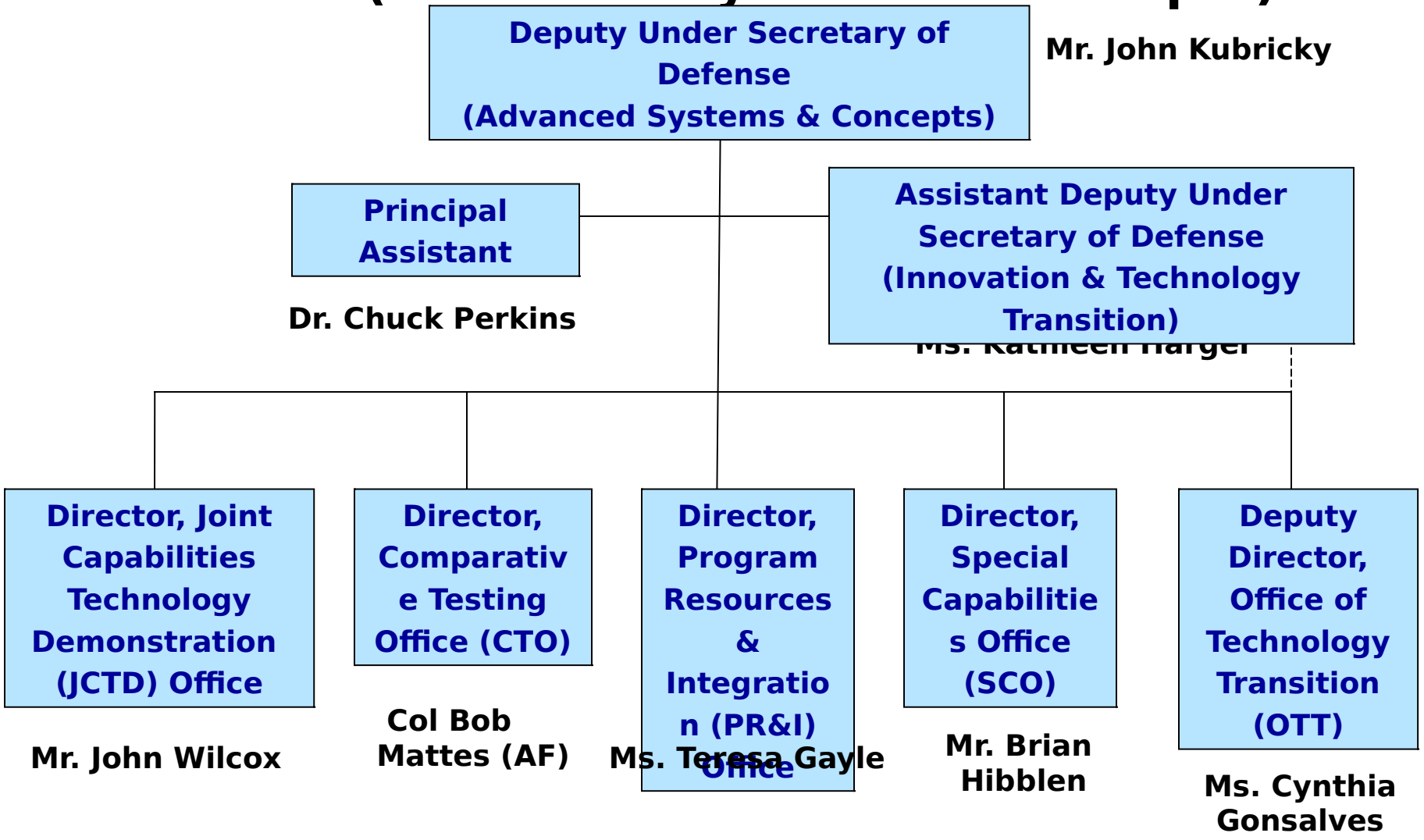
"Bridging the Gap"

Backup Charts

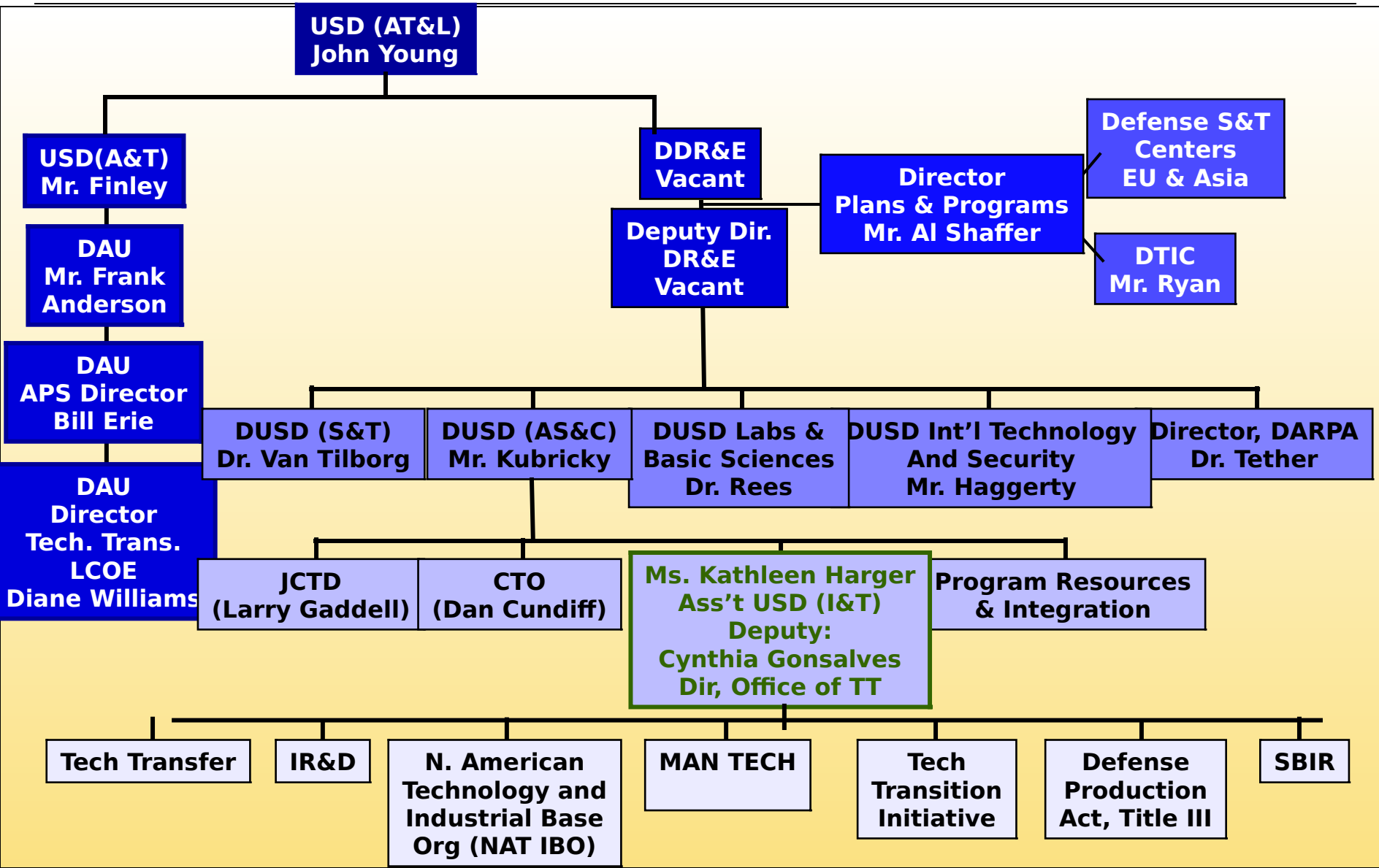
DDR&E Organization



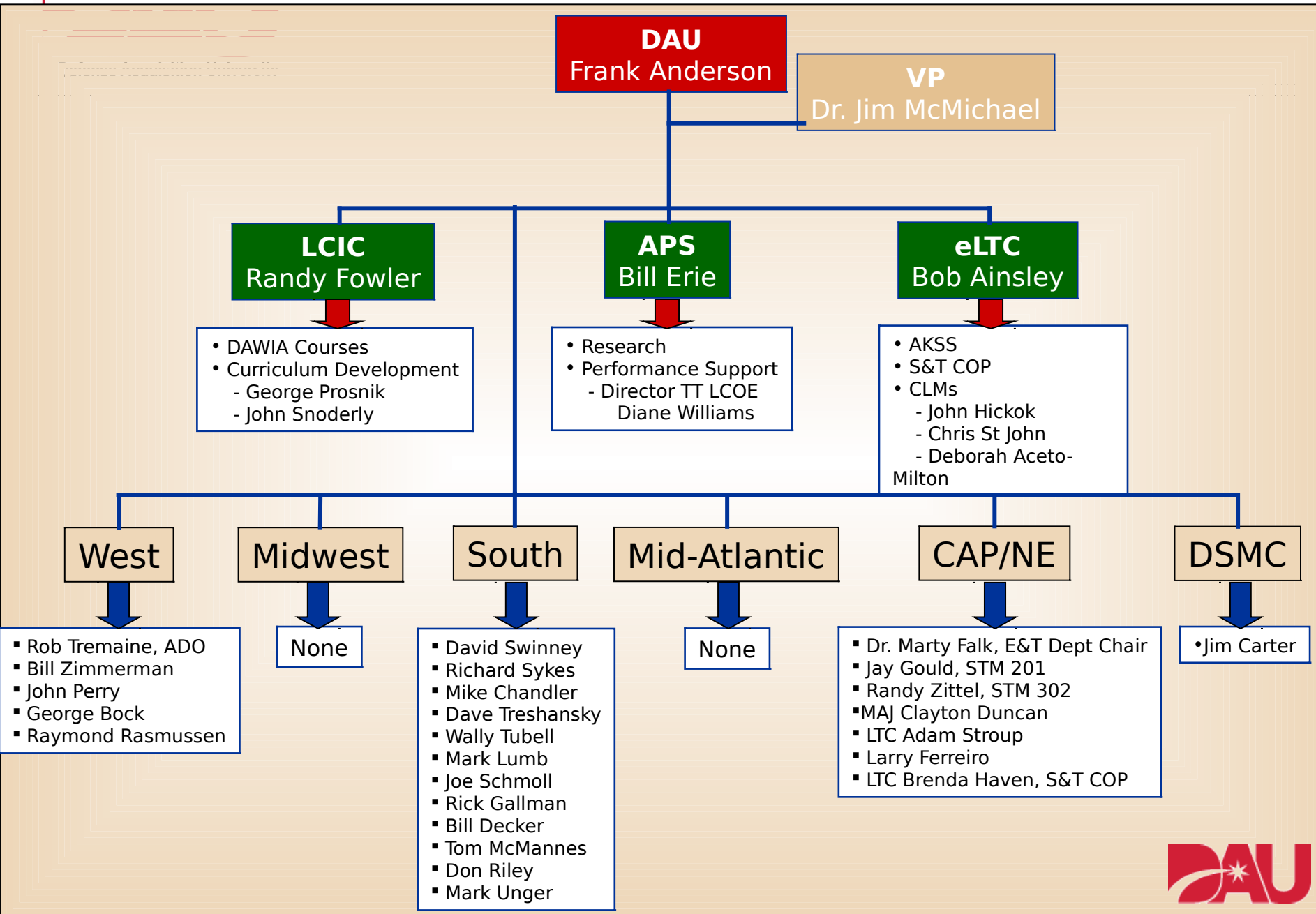
Office of the Deputy Under Secretary of Defense DDR&E (Advanced Systems & Concepts)


Deputy Under Secretary of Defense (Advanced Systems & Concepts)
Mr. John Kubricky
Principal Assistant
Dr. Chuck Perkins
Assistant Deputy Under Secretary of Defense (Innovation & Technology Transition)
Director, Joint Capabilities Technology Demonstration (JCTD) Office
Mr. John Wilcox
Director, Comparative Testing Office (CTO)
Col Bob Mattes (AF)
Director, Program Resources & Integration (PR&I) Office
Ms. Teresa Gayle
Director, Special Capabilities Office (SCO)
Mr. Brian Hibblen
Deputy Director, Office of Technology Transition (OTT)
Ms. Cynthia Gonsalves

DDR&E Organization



Technology Transition LCOE Expertise



TTLOCE Supports Multiple AT&L Goals

- [x] Goal 1 - High Performing, Agile and Ethical Workforc
- [x] Goal 2 - Strategic and Tactical Acquisition Excellence
- [x] Goal 3 - Focused Technology to Meet Warfighting Ne
- [x]
- [ ] Goal 4 - Cost-effective Joint Logistics Support for the Warfighter
- [x] Goal 5 - Reliable and Cost-effective Industrial Capabilities Sufficient to Meet Strategic Objectives
- [x] Goal 6 - Improved Governance and Decision Processe
- [ ] Goal 7 - Capable, Efficient, Cost Effective Installation

AT&L Goal 1: High Performing, Agile and Ethical Workforce

TTLCOE Support

Outcomes

- ☑ **1.1.** Future DoD AT&L Workforce Shaped and Recapitalized to Enable Smart Workforce Decisions
- **1.2.** Improved Outcomes by Developing an AT&L Performance Management Construct and Shape a Performance Culture and Deploying Enabling Leadership Initiatives
- ☑ **1.3.** A Knowledge-Enabled AT&L Workforce to Support the DoD Acquisition, Technology and Logistics Mission
- **1.4.** Ethics Awareness Training and Performance Standards Fully Integrated within the Workforce

AT&L Goal 2: Strategic and Tactical Acquisition Excellence

TTLCOE Support

- ☑
- ☑
- ☑
- ☑
- ☑
- ☑

Outcomes

2.1. Acquisition agenda aligned with the Department's core values, policy objectives, joint capability needs, and available resources to attain best value solutions

2.2. Risk, outcomes, schedule, and cost balanced when planning and adjusting portfolios, programs, and procurements

2.3. Acquisition execution improved across the total life cycle through the use of sound business and technical practices

2.4. Customer demands and warfighter Joint Urgent Operational Needs (JUON) promptly and efficiently fulfilled

2.5. Capability fielded to meet warfighter needs

AT&L Goal 3: Focused Technology to Meet Warfighting Needs

TTLCOE Support

- ☑
- ☑
- ☑
- ☑
- ☑

Outcomes

3.1. Aligned and Prioritized RDT&E Investments that Support the Strategic Direction of the Department

3.2. Effective, Timely, and Affordable Technology Solutions

3.3. Interoperable Technology Defined and Delivered

3.4. Joint Investment in S&T

3.5. Robust, Highly Capable National Technical Capability

3.6. Revitalized DDR&E Strategic Role

AT&L Goal 4: Cost-effective Joint Logistics Support for the Warfighter

Outcomes

4.1. Integrated, effective end-to end supply chain operations.

4.2. Optimized equipment/systems design and sustainment reliability

4.3. Achieve DoD/OMB/GAO supply chain management improvement program targets

4.4. Cost-effective logistics and materiel readiness policies and programs

AT&L Goal 5:
Reliable & Cost-effective Industrial Capabilities Sufficient to Meet Strategic Objectives

TTLCOE Support

Outcomes

5.1. Effects of DoD policy and program decisions on the industrial base, and
the extent to which industry decisions limit or expand DoD options,
5.2. understood.

DoD research and development, acquisition, and logistics decisions expand
5.3. and sustain the industrial base to encourage competition and innovation for
essential industrial and technological capabilities.

5.4.
Statutory processes and decisions leveraged to enable a capable, competitive, and reliable industrial base.

Contract finance and profit policies drive desired results.

AT&L Goal 6: Improved Governance and Decision Processes

TTLCOE Support

- ☑
- ☑

Outcomes

6.1. AT&L leads or participates on major corporate governance forums ensuring that AT&L interests and equities are adequately represented

6.2. Strategic goals supported by leveraging “best practices” (e.g. managing the force and fixing the GAO high risk areas)

6.3. A net-centric data environment with Enterprise Data/Facts for decision making, through business transformation

6.4. Continuous process improvement, using techniques such as Lean Six-Sigma

6.5 BRAC and IGPBS implemented